

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 09:41:20 ON 29 AUG 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:41:30 ON 29 AUG 2006

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STRUCTURE FILE UPDATES: 28 AUG 2006 HIGHEST RN 904961-01-9

DICTIONARY FILE UPDATES: 28 AUG 2006 HIGHEST RN 904961-01-9

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=> s 131119-08-9

L1 1 131119-08-9  
(131119-08-9/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 131119-08-9 REGISTRY

ED Entered STN: 21 Dec 1990

CN Benzeneacetamide,  $\alpha$ ,4-dihydroxy-3-methoxy-N-octyl- (9CI) (CA INDEX NAME)

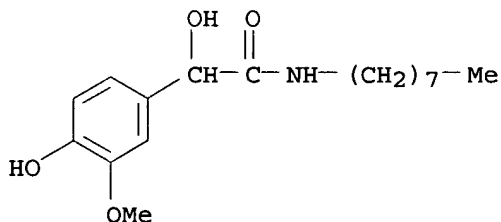
FS 3D CONCORD

DR 150058-98-3

MF C17 H27 N O4

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



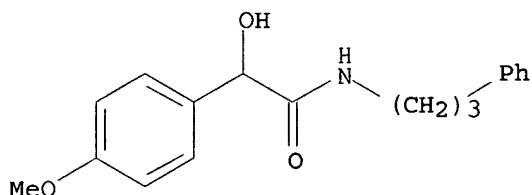
**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 160852-53-9  
L2 1 160852-53-9  
(160852-53-9/RN)

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 160852-53-9 REGISTRY  
ED Entered STN: 15 Feb 1995  
CN Benzeneacetamide,  $\alpha$ -hydroxy-4-methoxy-N-(3-phenylpropyl)- (9CI) (CA  
INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzeneacetamide,  $\alpha$ -hydroxy-4-methoxy-N-(3-phenylpropyl)-, ( $\pm$ )-  
MF C18 H21 N O3  
SR CA  
LC STN Files: CA, CAPLUS



**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
4.68	4.89

FILE 'CAPLUS' ENTERED AT 09:42:32 ON 29 AUG 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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FILE COVERS 1907 - 29 Aug 2006 VOL 145 ISS 10  
FILE LAST UPDATED: 28 Aug 2006 (20060828/ED)

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They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l1

L3 6 L1

=> d l3 1-6

L3 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:649867 CAPLUS  
DN 144:390502  
TI Pungency of various substituted mandelic acid alkyl amides  
AU Ley, J. P.; Krammer, G.; Kindel, G.; Bertram, H.-J.  
CS Research & Development, Symrise GmbH and Co. KG, Holzminden, Germany  
SO State-of-the-Art in Flavour Chemistry and Biology, Proceedings of the  
Wartburg Symposium on Flavour Chemistry and Biology, 7th, Eisenach,  
Germany, Apr. 21-23, 2004 (2004), 68-74. Editor(s): Hofmann, Thomas;  
Rothe, Manfred; Schieberle, Peter. Publisher: Deutsche Forschungsanstalt  
fuer Lebensmittelchemie, Garching, Germany.  
CODEN: 69HCQQ; ISBN: 3-00-015809-X  
DT Conference  
LA English  
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:1006937 CAPLUS  
DN 140:41916  
TI Preparation of mandelic acid N-alkylamides as flavorings  
IN Ley, Jakob Peter; Krammer, Gerhard; Machinek, Arnold  
PA Symrise G.m.b.H. & Co. K.-G., Germany  
SO PCT Int. Appl., 54 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003106404	A1	20031224	WO 2003-EP6292	20030614
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,				
	PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR,				
	TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10226942	A1	20031224	DE 2002-10226942	20020617
	AU 2003245947	A1	20031231	AU 2003-245947	20030614
	EP 1515943	A1	20050323	EP 2003-738036	20030614
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2005208084	A1	20050922	US 2004-517197	20041208
PRAI	DE 2002-10226942	A	20020617		
	WO 2003-EP6292	W	20030614		
OS	MARPAT 140:41916				

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1997:699948 CAPLUS  
DN 127:325961  
TI Using artificial neural networks to classify the activity of capsaicin and its analogs  
AU Hosseini, M.; Maddalena, D. J.; Spence, I.  
CS Department of Pharmacology, University of Sydney, Sydney, 2006, Australia  
SO Journal of Chemical Information and Computer Sciences (1997), 37(6), 1129-1137  
CODEN: JCISD8; ISSN: 0095-2338  
PB American Chemical Society  
DT Journal  
LA English

L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1995:715708 CAPLUS  
DN 123:160081  
TI Quantitative structure-agonist activity relationship of capsaicin analogs  
AU Klopman, Gilles; Li, Ju-Yun  
CS Department Chemistry, Case Western Reserve University, Cleveland, OH, 44106-7078, USA  
SO Journal of Computer-Aided Molecular Design (1995), 9(3), 283-94  
CODEN: JCADEQ; ISSN: 0920-654X  
PB ESCOM  
DT Journal  
LA English

L3 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1993:560600 CAPLUS  
DN 119:160600  
TI Analogs of capsaicin with agonist activity as novel analgesic agents; structure-activity studies. 2. The amide bond "B-region"  
AU Walpole, Christopher S. J.; Wrigglesworth, Roger; Bevan, Stuart; Campbell, Elizabeth A.; Dray, Andy; James, Iain F.; Masdin, Kay J.; Perkins, Martin N.; Winter, Janet  
CS Sandoz Inst. Med. Res., London, WC1E 6BN, UK  
SO Journal of Medicinal Chemistry (1993), 36(16), 2373-80  
CODEN: JMCMAR; ISSN: 0022-2623  
DT Journal  
LA English

L3 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1991:20497 CAPLUS  
DN 114:20497  
TI Immunochemical detection of photoaffinity-labeled capsaicin-binding proteins from sensory neurons  
AU Wood, John N.; Walpole, Christopher; James, Iain F.; Dray, Andy; Coote, Paul R.  
CS Sandoz Inst. Med. Res., London, WC1E 6BN, UK  
SO FEBS Letters (1990), 269(2), 381-5  
CODEN: FEBLAL; ISSN: 0014-5793  
DT Journal  
LA English

FULL ESTIMATED COST

9.60

14.49

FILE 'REGISTRY' ENTERED AT 09:46:11 ON 29 AUG 2006  
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STRUCTURE FILE UPDATES: 28 AUG 2006 HIGHEST RN 904961-01-9  
DICTIONARY FILE UPDATES: 28 AUG 2006 HIGHEST RN 904961-01-9

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

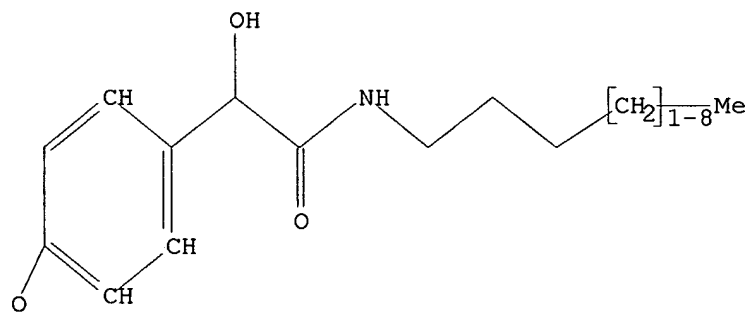
Uploading C:\Program Files\Stnexp\Queries\517197.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 14

SAMPLE SEARCH INITIATED 09:46:30 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 468 TO ITERATE

100.0% PROCESSED 468 ITERATIONS  
SEARCH TIME: 00.00.01

2 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 8063 TO 10657

PROJECTED ANSWERS:

2 TO

124

L5 2 SEA SSS SAM L4

=> s l4 ful

FULL SEARCH INITIATED 09:46:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 9166 TO ITERATE

100.0% PROCESSED 9166 ITERATIONS

15 ANSWERS

SEARCH TIME: 00.00.01

L6 15 SEA SSS FUL L4

=> d l6 1-15

L6 ANSWER 1 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN

RN 635297-67-5 REGISTRY

ED Entered STN: 08 Jan 2004

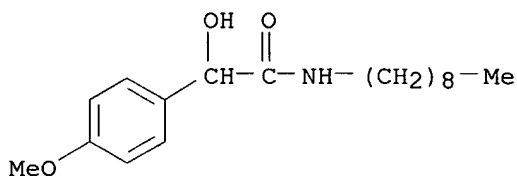
CN Benzeneacetamide,  $\alpha$ -hydroxy-4-methoxy-N-nonyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C18 H29 N O3

SR CA

LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 2 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN

RN 635297-65-3 REGISTRY

ED Entered STN: 08 Jan 2004

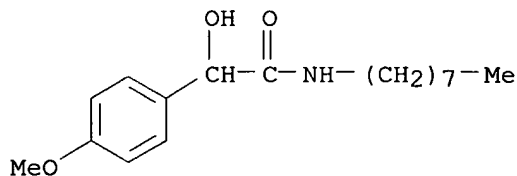
CN Benzeneacetamide,  $\alpha$ -hydroxy-4-methoxy-N-octyl- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C17 H27 N O3

SR CA

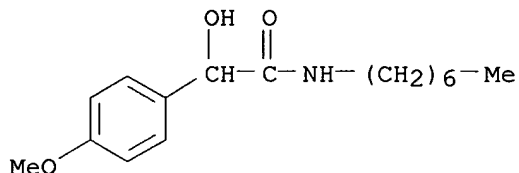
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

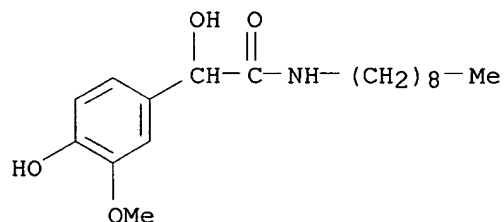
L6 ANSWER 3 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-63-1 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide, N-heptyl- $\alpha$ -hydroxy-4-methoxy- (9CI) (CA INDEX  
NAME)  
FS 3D CONCORD  
MF C16 H25 N O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 4 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-61-9 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide,  $\alpha$ ,4-dihydroxy-3-methoxy-N-nonyl- (9CI) (CA INDEX  
NAME)  
FS 3D CONCORD  
MF C18 H29 N O4  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

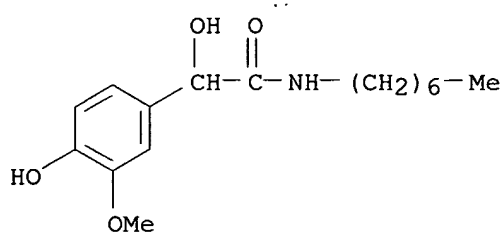


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 5 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-58-4 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide, N-heptyl- $\alpha$ ,4-dihydroxy-3-methoxy- (9CI) (CA INDEX  
NAME)  
FS 3D CONCORD  
MF C16 H25 N O4

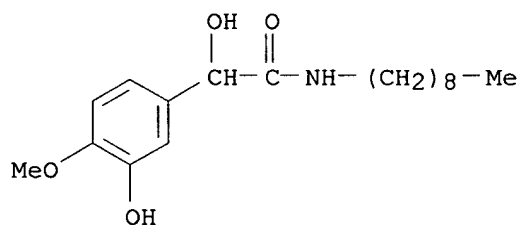
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 6 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-56-2 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide,  $\alpha$ ,3-dihydroxy-4-methoxy-N-nonyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C18 H29 N O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

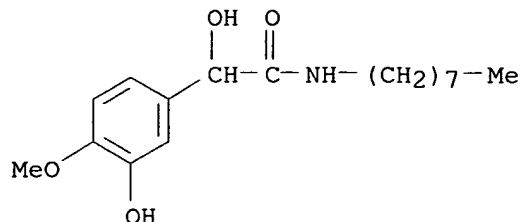


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 7 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-54-0 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide,  $\alpha$ ,3-dihydroxy-4-methoxy-N-octyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C17 H27 N O4  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

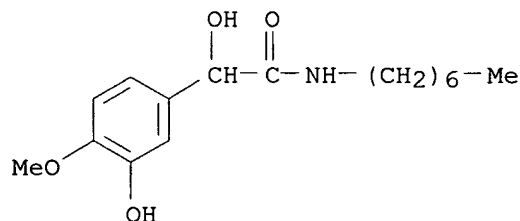




\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

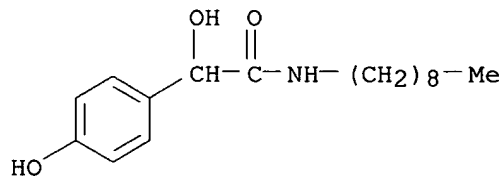
L6 ANSWER 8 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-52-8 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide, N-heptyl- $\alpha$ ,3-dihydroxy-4-methoxy- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H25 N O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

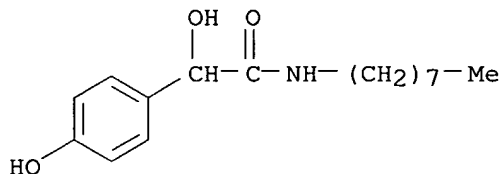
L6 ANSWER 9 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-49-3 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide,  $\alpha$ ,4-dihydroxy-N-nonyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C17 H27 N O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

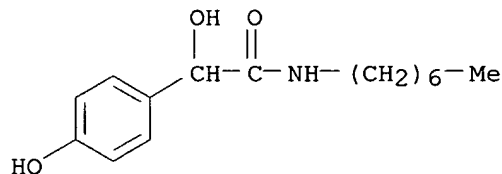
L6 ANSWER 10 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-47-1 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide,  $\alpha$ ,4-dihydroxy-N-octyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H25 N O3  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

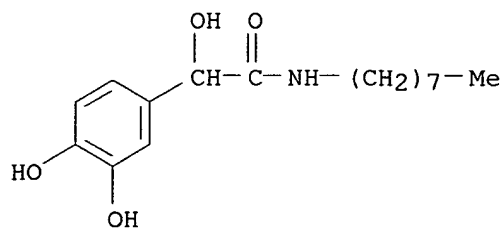
L6 ANSWER 11 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-45-9 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide, N-heptyl- $\alpha$ ,4-dihydroxy- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C15 H23 N O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

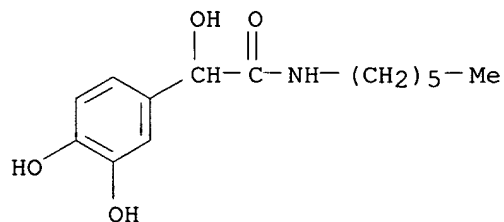
L6 ANSWER 12 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 634152-04-8 REGISTRY  
ED Entered STN: 05 Jan 2004  
CN Benzeneacetamide,  $\alpha$ ,3,4-trihydroxy-N-octyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H25 N O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1907 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

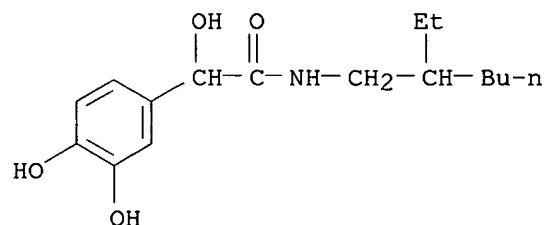
L6 ANSWER 13 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 383427-21-2 REGISTRY  
ED Entered STN: 16 Jan 2002  
CN Benzeneacetamide, N-hexyl- $\alpha$ ,3,4-trihydroxy- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C14 H21 N O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

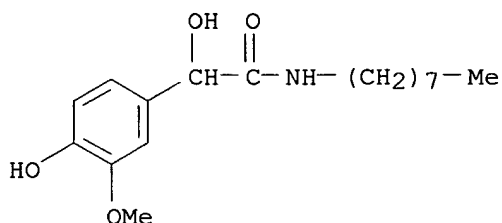
L6 ANSWER 14 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 383427-19-8 REGISTRY  
ED Entered STN: 16 Jan 2002  
CN Benzeneacetamide, N-(2-ethylhexyl)- $\alpha$ ,3,4-trihydroxy- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H25 N O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 15 OF 15 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 131119-08-9 REGISTRY  
ED Entered STN: 21 Dec 1990  
CN Benzeneacetamide,  $\alpha$ ,4-dihydroxy-3-methoxy-N-octyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
DR 150058-98-3  
MF C17 H27 N O4  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

195.44

209.93

FILE 'CAPLUS' ENTERED AT 09:46:57 ON 29 AUG 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 29 Aug 2006 VOL 145 ISS 10

FILE LAST UPDATED: 28 Aug 2006 (20060828/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s 16

L7 8 L6

=> d 17 1-8

L7 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:649867 CAPLUS  
DN 144:390502  
TI Pungency of various substituted mandelic acid alkyl amides  
AU Ley, J. P.; Krammer, G.; Kindel, G.; Bertram, H.-J.  
CS Research & Development, Symrise GmbH and Co. KG, Holzminden, Germany  
SO State-of-the-Art in Flavour Chemistry and Biology, Proceedings of the  
Wartburg Symposium on Flavour Chemistry and Biology, 7th, Eisenach,  
Germany, Apr. 21-23, 2004 (2004), 68-74. Editor(s): Hofmann, Thomas;  
Rothe, Manfred; Schieberle, Peter. Publisher: Deutsche Forschungsanstalt  
fuer Lebensmittelchemie, Garching, Germany.  
CODEN: 69HCQQ; ISBN: 3-00-015809-X  
DT Conference  
LA English  
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:1006937 CAPLUS  
DN 140:41916  
TI Preparation of mandelic acid N-alkylamides as flavorings  
IN Ley, Jakob Peter; Krammer, Gerhard; Machinek, Arnold  
PA Symrise G.m.b.H. & Co. K.-G., Germany  
SO PCT Int. Appl., 54 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003106404	A1	20031224	WO 2003-EP6292	20030614
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	AU 2003245947	A1	20031231	AU 2003-245947	20030614
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	US 2005208084	A1	20050922	US 2004-517197	20041208
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L7 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:776698 CAPLUS

DN 140:27032  
 TI 3,4-Dihydroxymandelic acid amides of alkylamines as antioxidants for lipids  
 AU Ley, Jakob P.; Bertram, Heinz-Juergen  
 CS Research & Development, Symrise GmbH and Co. KG, Holzminden, Germany  
 SO European Journal of Lipid Science and Technology (2003), 105(9), 529-535  
 CODEN: EJLTFM; ISSN: 1438-7697  
 PB Wiley-VCH Verlag GmbH & Co. KGaA  
 DT Journal  
 LA English  
 OS CASREACT 140:27032  
 RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 2001:935565 CAPLUS  
 DN 136:69648  
 TI Preparation of 3,4-dihydroxymandelic acid alkylamides as antioxidants and/or radical scavengers for drug and cosmetic use.  
 IN Ley, Jakob Peter  
 PA Haarmann & Reimer GmbH, Germany  
 SO PCT Int. Appl., 39 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001098258	A1	20011227	WO 2001-EP6567	20010611
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OS CASREACT 136:69648; MARPAT 136:69648  
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1997:699948 CAPLUS  
 DN 127:325961  
 TI Using artificial neural networks to classify the activity of capsaicin and its analogs  
 AU Hosseini, M.; Maddalena, D. J.; Spence, I.  
 CS Department of Pharmacology, University of Sydney, Sydney, 2006, Australia  
 SO Journal of Chemical Information and Computer Sciences (1997), 37(6), 1129-1137  
 CODEN: JCISD8; ISSN: 0095-2338  
 PB American Chemical Society  
 DT Journal

LA English

L7 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1995:715708 CAPLUS  
DN 123:160081  
TI Quantitative structure-agonist activity relationship of capsaicin analogs  
AU Klopman, Gilles; Li, Ju-Yun  
CS Department Chemistry, Case Western Reserve University, Cleveland, OH,  
44106-7078, USA  
SO Journal of Computer-Aided Molecular Design (1995), 9(3), 283-94  
CODEN: JCADEQ; ISSN: 0920-654X  
PB ESCOM  
DT Journal  
LA English

L7 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1993:560600 CAPLUS  
DN 119:160600  
TI Analogs of capsaicin with agonist activity as novel analgesic agents;  
structure-activity studies. 2. The amide bond "B-region"  
AU Walpole, Christopher S. J.; Wrigglesworth, Roger; Bevan, Stuart; Campbell,  
Elizabeth A.; Dray, Andy; James, Iain F.; Masdin, Kay J.; Perkins, Martin  
N.; Winter, Janet  
CS Sandoz Inst. Med. Res., London, WC1E 6BN, UK  
SO Journal of Medicinal Chemistry (1993), 36(16), 2373-80  
CODEN: JMCMAR; ISSN: 0022-2623  
DT Journal  
LA English

L7 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1991:20497 CAPLUS  
DN 114:20497  
TI Immunochemical detection of photoaffinity-labeled capsaicin-binding  
proteins from sensory neurons  
AU Wood, John N.; Walpole, Christopher; James, Iain F.; Dray, Andy; Coote,  
Paul R.  
CS Sandoz Inst. Med. Res., London, WC1E 6BN, UK  
SO FEBS Letters (1990), 269(2), 381-5  
CODEN: FEBLAL; ISSN: 0014-5793  
DT Journal  
LA English

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

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DICTIONARY FILE UPDATES: 28 AUG 2006 HIGHEST RN 904961-01-9

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<http://www.cas.org/ONLINE/UG/regprops.html>

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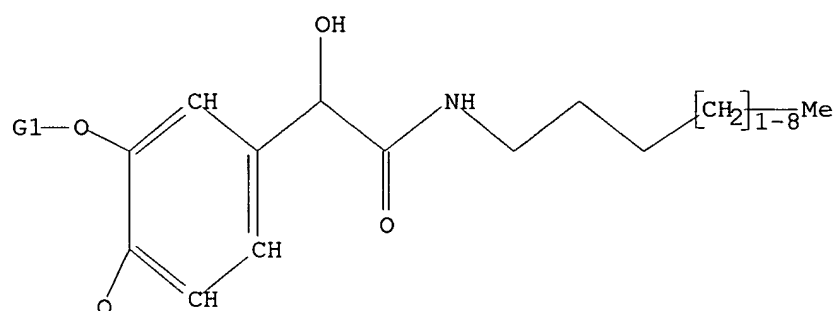
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L8 HAS NO ANSWERS

L8 STR



G1 H, Me

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 26 TO ITERATE

100.0% PROCESSED 26 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 215 TO 825

PROJECTED ANSWERS: 2 TO 124

L9 2 SEA SSS SAM L8

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9 ANSWERS

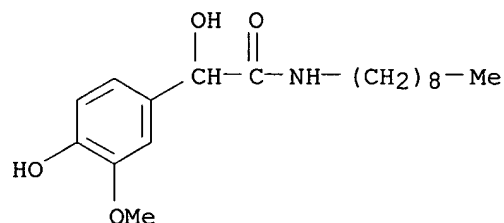
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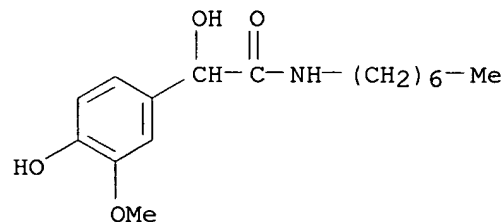
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RN 635297-61-9 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide,  $\alpha$ ,4-dihydroxy-3-methoxy-N-nonyl- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C18 H29 N O4  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-58-4 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide, N-heptyl- $\alpha$ ,4-dihydroxy-3-methoxy- (9CI) (CA INDEX NAME)  
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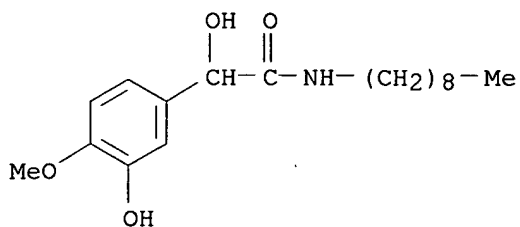


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L10 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN  
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ED Entered STN: 08 Jan 2004  
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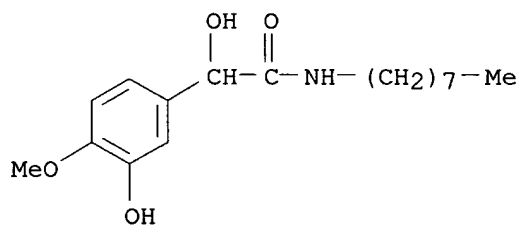
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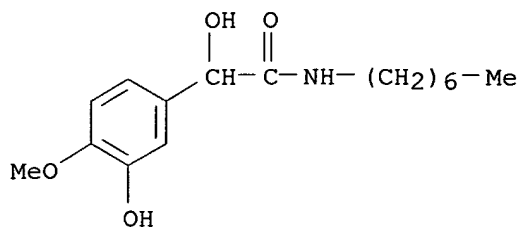
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FS 3D CONCORD  
MF C17 H27 N O4  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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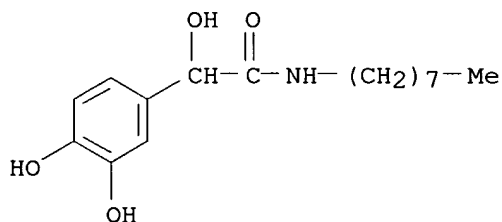
L10 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 635297-52-8 REGISTRY  
ED Entered STN: 08 Jan 2004  
CN Benzeneacetamide, N-heptyl- $\alpha$ ,3-dihydroxy-4-methoxy- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C16 H25 N O4  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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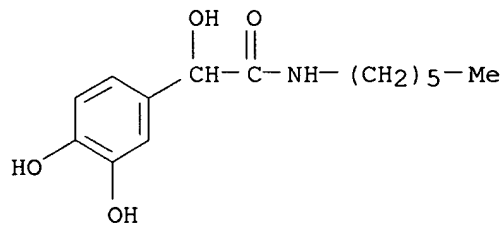
L10 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 634152-04-8 REGISTRY  
ED Entered STN: 05 Jan 2004  
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MF C16 H25 N O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL



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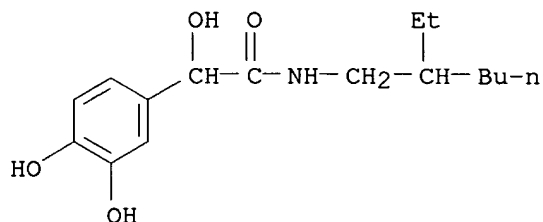
L10 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 383427-21-2 REGISTRY  
ED Entered STN: 16 Jan 2002  
CN Benzeneacetamide, N-hexyl- $\alpha$ ,3,4-trihydroxy- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C14 H21 N O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



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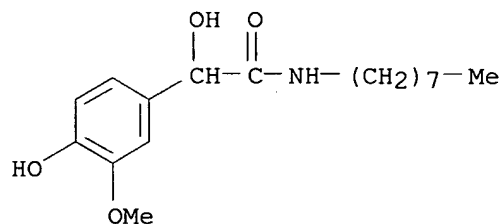
L10 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 383427-19-8 REGISTRY  
ED Entered STN: 16 Jan 2002  
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INDEX NAME)  
FS 3D CONCORD  
MF C16 H25 N O4  
SR CA  
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1907 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L10 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 131119-08-9 REGISTRY  
ED Entered STN: 21 Dec 1990  
CN Benzeneacetamide,  $\alpha$ ,4-dihydroxy-3-methoxy-N-octyl- (9CI) (CA INDEX  
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MF C17 H27 N O4  
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LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



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COST IN U.S. DOLLARS

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TOTAL

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FULL ESTIMATED COST

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FILE LAST UPDATED: 28 Aug 2006 (20060828/ED)

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L11 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2005:649867 CAPLUS

DN 144:390502

TI Pungency of various substituted mandelic acid alkyl amides

AU Ley, J. P.; Krammer, G.; Kindel, G.; Bertram, H.-J.

CS Research & Development, Symrise GmbH and Co. KG, Holzminden, Germany

SO State-of-the-Art in Flavour Chemistry and Biology, Proceedings of the Wartburg Symposium on Flavour Chemistry and Biology, 7th, Eisenach, Germany, Apr. 21-23, 2004 (2004), 68-74. Editor(s): Hofmann, Thomas; Rothe, Manfred; Schieberle, Peter. Publisher: Deutsche Forschungsanstalt fuer Lebensmittelchemie, Garching, Germany.

CODEN: 69HCQQ; ISBN: 3-00-015809-X

DT Conference

LA English

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:1006937 CAPLUS

DN 140:41916

TI Preparation of mandelic acid N-alkylamides as flavorings

IN Ley, Jakob Peter; Krammer, Gerhard; Machinek, Arnold

PA Symrise G.m.b.H. & Co. K.-G., Germany

SO PCT Int. Appl., 54 pp.

CODEN: PIXXD2

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003106404	A1	20031224	WO 2003-EP6292	20030614
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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L11 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:776698 CAPLUS  
DN 140:27032  
TI 3,4-Dihydroxymandelic acid amides of alkylamines as antioxidants for lipids  
AU Ley, Jakob P.; Bertram, Heinz-Juergen  
CS Research & Development, Symrise GmbH and Co. KG, Holzminden, Germany  
SO European Journal of Lipid Science and Technology (2003), 105(9), 529-535  
CODEN: EJLTFM; ISSN: 1438-7697  
PB Wiley-VCH Verlag GmbH & Co. KGaA  
DT Journal  
LA English  
OS CASREACT 140:27032  
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2001:935565 CAPLUS  
DN 136:69648  
TI Preparation of 3,4-dihydroxymandelic acid alkylamides as antioxidants and/or radical scavengers for drug and cosmetic use.  
IN Ley, Jakob Peter  
PA Haarmann & Reimer GmbH, Germany  
SO PCT Int. Appl., 39 pp.  
CODEN: PIXXD2  
DT Patent  
LA German  
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 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1997:699948 CAPLUS  
 DN 127:325961  
 TI Using artificial neural networks to classify the activity of capsaicin and  
 its analogs  
 AU Hosseini, M.; Maddalena, D. J.; Spence, I.  
 CS Department of Pharmacology, University of Sydney, Sydney, 2006, Australia  
 SO Journal of Chemical Information and Computer Sciences (1997), 37(6),  
 1129-1137  
 CODEN: JCISD8; ISSN: 0095-2338  
 PB American Chemical Society  
 DT Journal  
 LA English

L11 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1995:715708 CAPLUS  
 DN 123:160081  
 TI Quantitative structure-agonist activity relationship of capsaicin analogs  
 AU Klopman, Gilles; Li, Ju-Yun  
 CS Department Chemistry, Case Western Reserve University, Cleveland, OH,  
 44106-7078, USA  
 SO Journal of Computer-Aided Molecular Design (1995), 9(3), 283-94  
 CODEN: JCADEQ; ISSN: 0920-654X  
 PB ESCOM  
 DT Journal  
 LA English

L11 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1993:560600 CAPLUS  
 DN 119:160600  
 TI Analogs of capsaicin with agonist activity as novel analgesic agents;  
 structure-activity studies. 2. The amide bond "B-region"  
 AU Walpole, Christopher S. J.; Wrigglesworth, Roger; Bevan, Stuart; Campbell,  
 Elizabeth A.; Dray, Andy; James, Iain F.; Masdin, Kay J.; Perkins, Martin  
 N.; Winter, Janet  
 CS Sandoz Inst. Med. Res., London, WC1E 6BN, UK  
 SO Journal of Medicinal Chemistry (1993), 36(16), 2373-80  
 CODEN: JMCMAR; ISSN: 0022-2623  
 DT Journal  
 LA English

L11 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN  
 AN 1991:20497 CAPLUS  
 DN 114:20497  
 TI Immunochemical detection of photoaffinity-labeled capsaicin-binding  
 proteins from sensory neurons  
 AU Wood, John N.; Walpole, Christopher; James, Iain F.; Dray, Andy; Coote,

Paul R.  
CS Sandoz Inst. Med. Res., London, WC1E 6BN, UK  
SO FEBS Letters (1990), 269(2), 381-5  
CODEN: FEBLAL; ISSN: 0014-5793  
DT Journal  
LA English

=>



\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 09:41:20 ON 29 AUG 2006

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=> s 131119-08-9

L1 1 131119-08-9  
(131119-08-9/RN)

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 131119-08-9 REGISTRY

ED Entered STN: 21 Dec 1990

CN Benzeneacetamide,  $\alpha$ ,4-dihydroxy-3-methoxy-N-octyl- (9CI) (CA INDEX NAME)

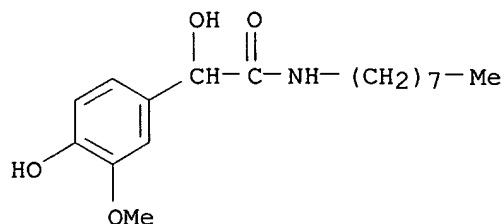
FS 3D CONCORD

DR 150058-98-3

MF C17 H27 N O4

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



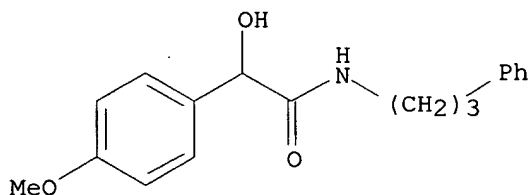
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

6 REFERENCES IN FILE CA (1907 TO DATE)  
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 160852-53-9  
L2 1 160852-53-9  
(160852-53-9/RN)

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN  
RN 160852-53-9 REGISTRY  
ED Entered STN: 15 Feb 1995  
CN Benzeneacetamide,  $\alpha$ -hydroxy-4-methoxy-N-(3-phenylpropyl)- (9CI) (CA  
INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Benzeneacetamide,  $\alpha$ -hydroxy-4-methoxy-N-(3-phenylpropyl)-, ( $\pm$ )-  
MF C18 H21 N O3  
SR CA  
LC STN Files: CA, CAPLUS



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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	ENTRY	SESSION
FULL ESTIMATED COST	4.68	4.89

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=> s l1

L3 6 L1

=> d l3 1-6

L3 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2005:649867 CAPLUS  
DN 144:390502  
TI Pungency of various substituted mandelic acid alkyl amides  
AU Ley, J. P.; Krammer, G.; Kindel, G.; Bertram, H.-J.  
CS Research & Development, Symrise GmbH and Co. KG, Holzminden, Germany  
SO State-of-the-Art in Flavour Chemistry and Biology, Proceedings of the  
Wartburg Symposium on Flavour Chemistry and Biology, 7th, Eisenach,  
Germany, Apr. 21-23, 2004 (2004), 68-74. Editor(s): Hofmann, Thomas;  
Rothe, Manfred; Schieberle, Peter. Publisher: Deutsche Forschungsanstalt  
fuer Lebensmittelchemie, Garching, Germany.  
CODEN: 69HCQQ; ISBN: 3-00-015809-X  
DT Conference  
LA English  
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 2003:1006937 CAPLUS  
DN 140:41916  
TI Preparation of mandelic acid N-alkylamides as flavorings  
IN Ley, Jakob Peter; Krammer, Gerhard; Machinek, Arnold  
PA Symrise G.m.b.H. & Co. K.-G., Germany  
SO PCT Int. Appl., 54 pp.  
CODEN: PIXXD2

DT Patent  
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003106404	A1	20031224	WO 2003-EP6292	20030614
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
	GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
	LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,				
	PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR,				
	TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,				
	KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,				
	FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10226942	A1	20031224	DE 2002-10226942	20020617
	AU 2003245947	A1	20031231	AU 2003-245947	20030614
	EP 1515943	A1	20050323	EP 2003-738036	20030614
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2005208084	A1	20050922	US 2004-517197	20041208
PRAI	DE 2002-10226942	A	20020617		
	WO 2003-EP6292	W	20030614		

OS MARPAT 140:41916

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD  
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L3 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN  
AN 1995:715708 CAPLUS  
DN 123:160081  
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AU Klopman, Gilles; Li, Ju-Yun  
CS Department Chemistry, Case Western Reserve University, Cleveland, OH, 44106-7078, USA  
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CODEN: JCADEQ; ISSN: 0920-654X  
PB ESCOM  
DT Journal  
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DN 119:160600  
TI Analogs of capsaicin with agonist activity as novel analgesic agents; structure-activity studies. 2. The amide bond "B-region"  
AU Walpole, Christopher S. J.; Wrigglesworth, Roger; Bevan, Stuart; Campbell, Elizabeth A.; Dray, Andy; James, Iain F.; Masdin, Kay J.; Perkins, Martin N.; Winter, Janet  
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